

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
 Data File : VU054022.D
 Acq On : 01 May 2023 13:16
 Operator : JC/MD
 Sample : 02565-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX7

Quant Time: May 02 05:32:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 02 05:29:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

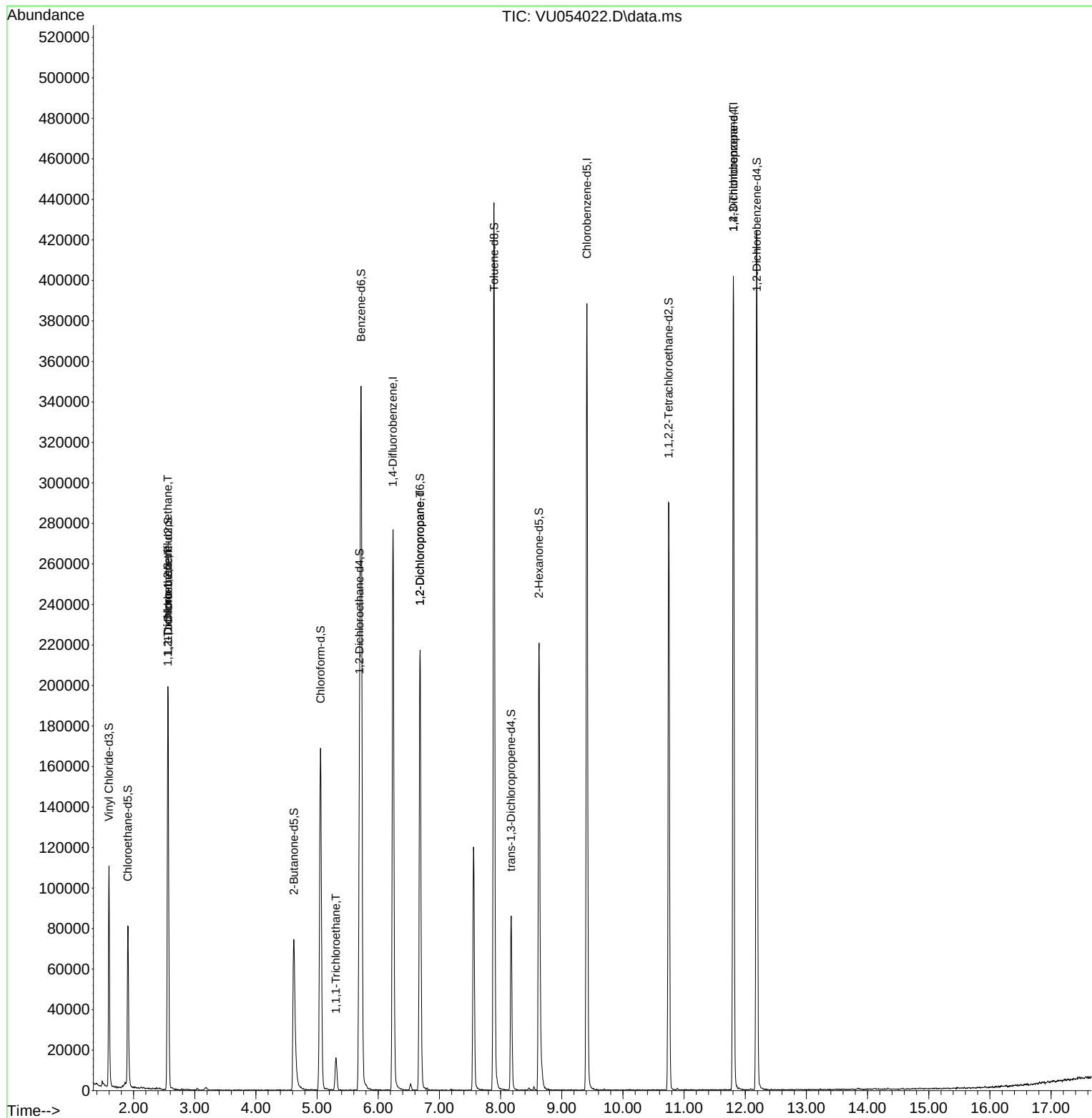
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	231049	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	221517	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	110723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83120	47.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.140%
7) Chloroethane-d5	1.906	69	59924	52.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.480%
11) 1,1-Dichloroethene-d2	2.562	63	119292	38.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.980%
21) 2-Butanone-d5	4.620	46	117841	118.239	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.240%
24) Chloroform-d	5.057	84	161272	50.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.500%
26) 1,2-Dichloroethane-d4	5.694	65	107253	52.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.100%
32) Benzene-d6	5.719	84	325376	49.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.684	67	103417	50.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	7.893	98	293152	49.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.173	79	50906	49.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.940%
47) 2-Hexanone-d5	8.629	63	77981	105.770	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.770%
56) 1,1,2,2-Tetrachloroeth...	10.748	84	142541	52.572	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.140%
66) 1,2-Dichlorobenzene-d4	12.189	152	117444	54.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1413	0.914	ug/L #	24
12) 1,1-Dichloroethene	2.565	96	842	0.628	ug/L #	1
30) 1,1,1-Trichloroethane	5.308	97	11777	4.265	ug/L	95
37) 1,2-Dichloropropane	6.684	63	11553	6.333	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	12127	5.896	ug/L #	66

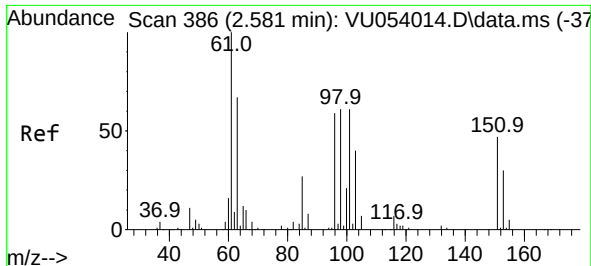
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 02 05:32:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 02 05:29:54 2023
Response via : Initial Calibration

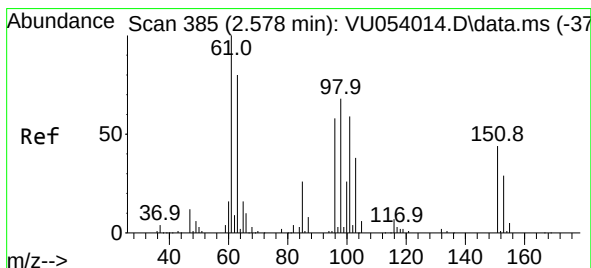
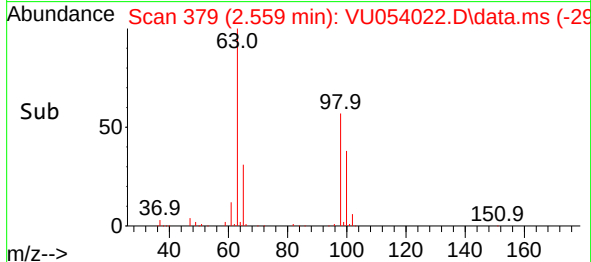
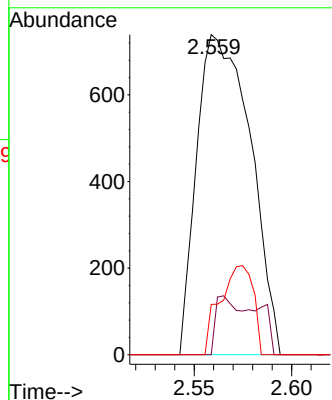
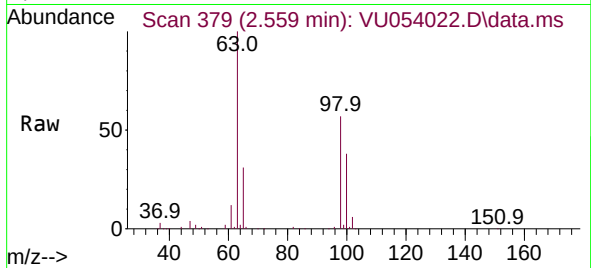




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.914 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU054022.D
Acq: 01 May 2023 13:16

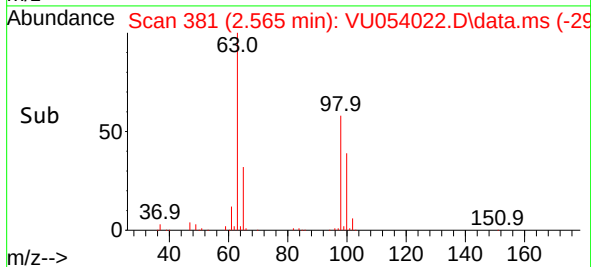
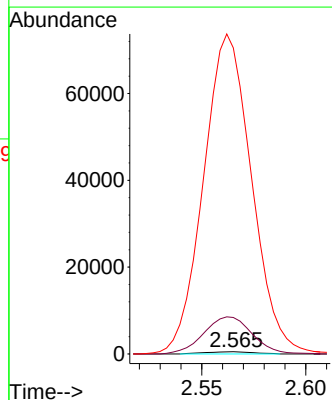
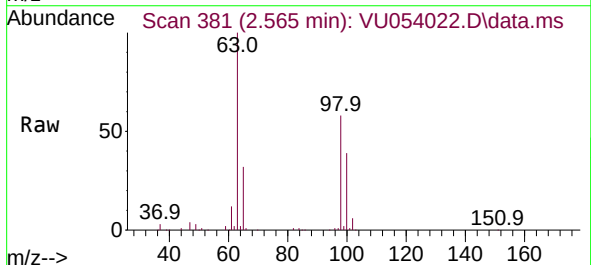
Instrument :
MSVOA_U
ClientSampleId :
C0AX7

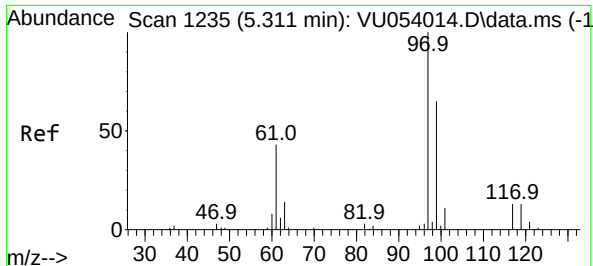
Tgt Ion:101 Resp: 1413
Ion Ratio Lower Upper
101 100
85 8.1 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.628 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054022.D
Acq: 01 May 2023 13:16

Tgt Ion: 96 Resp: 842
Ion Ratio Lower Upper
96 100
61 1622.6 118.3 219.7#
63 13609.3 92.3 171.5#





#30

1,1,1-Trichloroethane

Concen: 4.265 ug/L

RT: 5.308 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054022.D

Acq: 01 May 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0AX7

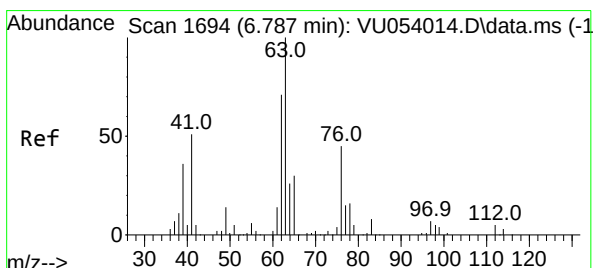
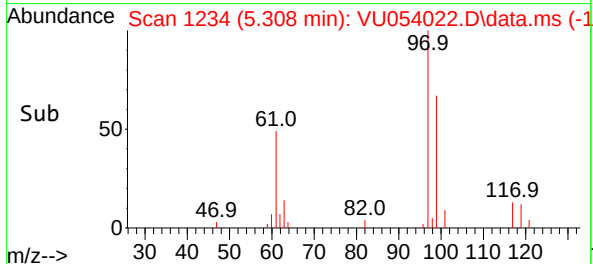
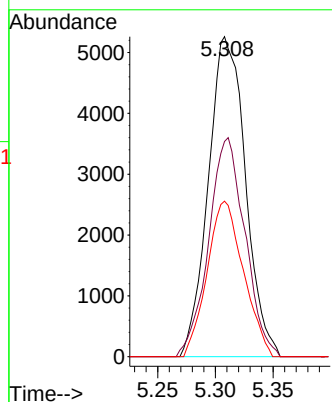
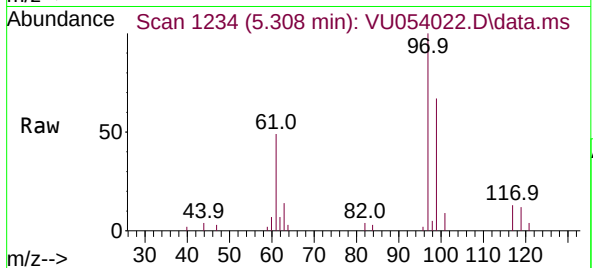
Tgt Ion: 97 Resp: 11777

Ion Ratio Lower Upper

97 100

99 67.0 51.2 76.8

61 47.4 34.2 51.4



#37

1,2-Dichloropropane

Concen: 6.333 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054022.D

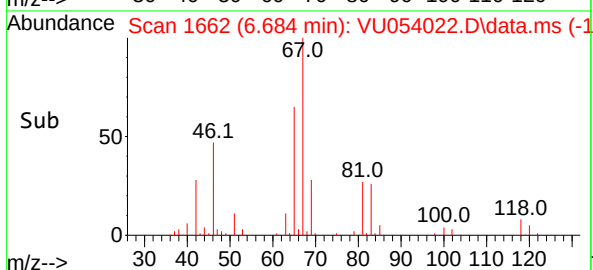
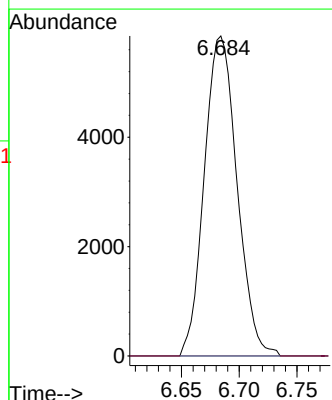
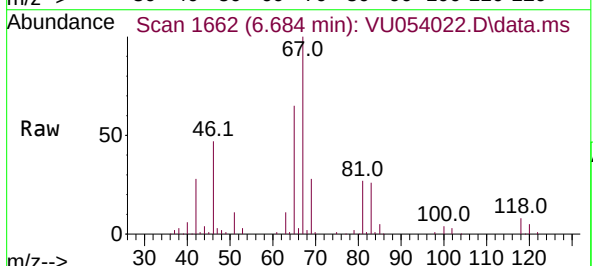
Acq: 01 May 2023 13:16

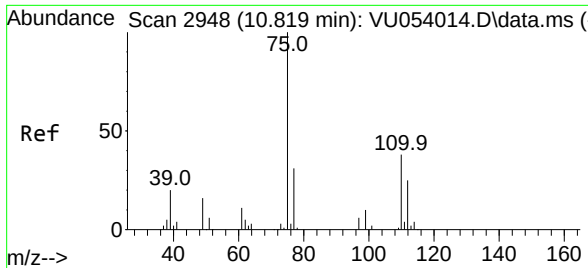
Tgt Ion: 63 Resp: 11553

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.896 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054022.D
 Acq: 01 May 2023 13:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX7

Tgt Ion: 75	Resp:	12127
Ion Ratio	Lower	Upper
75	100	
77	32.8	26.0 39.0
110	1.8	31.8 47.8#

